

RENINGER, A.

Significance of land relief for agriculture. p. 37. (PRZEGLAD GEOGRAFICZNY, POLISH GEOGRAPHICAL REVIEW, Warszawa, Vol 26, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

RENIKER, A.

RENIKER, A. Results of the investigation on materials carried in the waters of the Bystrata River in Lublin District. p. 525. Vol. 16, no. 12, Dec. 1956.
KOSPODARKA WODNA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) "Vol 6, No. 4--April 1957"

5528

621.318.542-621.3.064.4

Lipski T., Reniger J. Working Capacity of Industrial Switchgear under Transient Circuit Conditions.

"Robocza zdolność łączenia łączników przemysłowych w warunkach przejściowych obwodu". Przegląd Elektrotechniczny, No. 11, 1937, pp. 497-501, 11 figs, 1 tab.

Research work has shown that, in order to achieve increased switching capacity under transient conditions it is necessary to eliminate from the arc area any ironwork not forming a part of the switchgear element which extinguishes the arc. Moreover, when choosing the shape of the arc chamber, a proper ratio should be maintained between the aerodynamic resistance to the movement of gases in the direction of the chamber outlet to that in the direction of the interior of the chamber. Finally, the partitions between poles should reach sufficiently deep into the apparatus and separate the current carrying parts located near the arc area, since the ionized gases show a marked capacity to penetrate even small splits thus causing earth faults and short-circuits between poles. It has been found during tests that, in switchgear with insufficiently separated arc areas, the switching capacity is governed by the ratio of the expected short-circuit current across switchgear input terminals to the short circuit currents. the switchgear is capable of interrupting.

EW
11

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RENIGER, A; OSWIECINSKI, A.

Conference devoted to the soil erosion in Lublin Voivodeship, June 30-July 3, 1955.

p. 473.
GCSPÓDARKA WCDNA, Vol. 15, No. 11 Nov. 1955
(Naczelną Organizacją Techniczną) Warszawa

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1 Jan. 1956

A. NIECK, A.

from works on oil "revision", p. 451, (GOTOWKA & COHA, Vol. 14, No. 12, December 1957, Warsaw, Poland)

U.S. Identify List of East European Accessions (EAL), IC, Vol. 4, No. 3, March 1955, und.

POLAND / Soil Science. Cultivation. Melioration. J-5
Erosion.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34444.

Author : Beniger, Anna.

Inst : Not given.

Title : Erosion of Soil on Cultivated Slopes.

Orig Pub: Roczn. nauk rolniczych, 1955, F71, No 1, 21-44.

Abstract: Described are the results of studies about the occurrence of erosion of soils from loess blankets in the Northern part of Lublin elevation and in the rayon of Opatow. The author is calling the running off of soils, a displacement of the earth particles under the action of the force of weight along the crevices, formed on the surface of soils during the winter period. The running off of soil in loess areas is quite frequent. Some hints as to the method of fighting this phenomenon are cited.

Card 1/1

RUDZKI, Edward; RENIGER, Maria

Diagnosis of drug allergy. II. Thrombocytic reactions and an attempted new diagnostic method. Przegl. derm. 48 no.6:521-524 '61.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S.Jablonska.

(DERMATITIS MEDICAMENTOSA diag)

USSR/Medicine - Pregnancy, Complications Sep 48
Medicine - Malaria, Therapy

"Medical and Prophylactic Measures During Pregnancy for Those Afflicted With Malaria," Prof M. L. Reniger-Aresheva, Inst of Obstetrics and Gynecol, Armenian SSR, 1 $\frac{1}{4}$ pp

"Sov Med" No 9

Presents various measures to be taken during pregnancy and delivery periods for those afflicted with malaria. Cites statistics for the Armenian SSR. Notes that malaria increased during 1944-1946. Discusses atabrine, and plasmodicidal therapy.

24/49T62

RENIK, Bogdan, dr

Some remarks on complex analysis. Przegl kolej elektrotech
15 no. 8: 231-233 Ag '63.

KLNJS, JAROMIR

5

Plate efficiency and yield of rotary extraction columns
Vladimir Matěj Klára Šulcová, and Jaromír Renčík (Pov-
stavka chemického výroby, Vinařice, Czech.). *Chem. Listy* 51, 1245-
1250 (1957). The performance of the plate efficiency and yield
on the r.p.m. has been detd.; a rotary-disk column and a
rotary column with packed sections were compared.
Caprolactam or cyclohexanone oxime was extd. counter-
currently from a $(\text{NH}_4)_2\text{SO}_4$ soln. by cyclohexanone. The
max. yield depends on the value of the partition coeff.; the
plate efficiency depends on the no. of plates and on the
amount of extn. agent. For lower partition coeffs. ($\sim 10^1$)
the extn. rotary columns with fillings are suitable; at higher
coeffs. ($\sim 10^3$) the disk columns are more convenient.
E. Erdős

DM

БЕЛЫЙ, А. Г., АРЧЕНКО, Н. Н. and ЮДИНОВИЧ, Н. Н.

"Electric Strength of Condenser Paper in a Compressible Gas Medium," ZhTF, 22, No. 1, pp 16-20, 1952.

RENIER, A.

ANNEES CONCERNANT LA BASE DE L'ESTRAT. Renier, A (Ann. Soc. Geol. Belgique, 1913, vol. 31, Bull. 318-350).

immediate source clipping

MOSCICKI, Włodzimierz; RENK, Henryk

Tentative determination of the pulse delay distribution in
 CO_2 CS_2 Geiger-Muller Counters. Nukleonika 5 no.12:811-820 '60.

1. Instytut Badan Jadrowych, Warszawa, Pracownia Geochronologii
Bezwzglednej w Gdansku i Politechnika Gdanska, Gdansk, Katedra
Fizyki 1.

ROYTER, I.M.; BERZINA, N.I.; BASHIROVA, R.S.; REN'KAS, N.M.

Changes in the properties of liquid yeasts during their prolonged cultivation in the presence of sodium chloride. Trudy KTIPP no.21: 91-98 '59. (MIRA 14:1)

(Yeast)

ROYTER, I.M., kand. tekhn. nauk; REN'KAS, N.M., inzh.; BERNINA, N.I.,
kand. tekhn. nauk; KOVALENKO, A.Ya., inzh.

Fermentation activity and propagation of yeast during dough
preparation from wheat flour. Fishch. prom. no.2:69-76 '65.
(MIRA 18:11)

I. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlen-
nosti.

ROYTER, I.M.; BERZINA, N.I.; BASHIROVA, R.S.; REN'KAS, N.M.

Comparative activity of the yeast strains "Krasnodarskaya" and "Krasnodarskaya salty yeast" used in the production of liquid yeasts. Mikrobiologija 29 no. 4:595-599 Jl-Ag '60.

(MIRA 13:10)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(YEAST)

RENNER, K.; WINTER, A.K.

Significances of ambulatory care in prevention of accidents and diseases in industry. Cesk. zdravot. 5 no.2:96-98 Feb 57.

1. Ustav socialni hygieny Humboldtovy university v Berline.
(ACCIDENTS, INDUSTRIAL, prev. & control
role of ambulatory indust. care (Cz))
(OCCUPATIONAL DISEASES, prev. & control
same (Cz))

REINKE, V.P.

RATNER, A.B. and REINKE, V.P. Kamennougol'naia i antratsitovaia promyshlennost' Donetskogo basseina. Pod red. S.A. Gertsova. [Khar'kov], Izd. Donuglia, 1923. 34, lii p.

DLC: TN303.R9R32

So: LC, "Soviet Geography, Part II, 1951/Unclassified

RENYE, V. P.

RATNER, A. D. and RENKE, V. P. Kamennougol'naia i antratsitovaia promyshlennost'
Donetskogo basseina; obzor sovremennoego sostoianiiia. Pod red. I s predisl. S. A.
Gertsova. /Khar'koy/, Izd. Domuglia, 1928. 34, 111 p. (Donugol', trust, Kharkov.
Nauchno-izdatel'-skoe biuro. Seriia statistiko-ekonomicheskikh izdanii, kn. 1.)

DLC: TN808.R9R32

SO: LC, Soviet Geography, Part I, 1951, Uncl.

RENKIELSKI, Jan; BAAR-BOROWSKA, Halina

A rare complication in perirenal abscess. Polski przegl. chir. 33
no.11a:1463-1465 '61.

1. Z Oddzialu Urologicznego III Kliniki Chirurgicznej AMG Kierownik:
prof. dr.Z.Kieturakis.
(KIDNEY DISEASES compl) (ABSCESS compl)

ALEKSANDROW, D; NIELUBOWICZ, J; RENIKOWSKA, J; ROSNOWSKI, A; RYDYGIER, J.

No translation. . Polskie arch.med.wewn. 25 no.4:657-686 '55.

1. Z II Kliniki Chor.Wewn.-Kierownik: prof.dr D. Aleksandrow.
Z I Kliniki Chir. - Kierownik: prof. dr T. Butkiewicz. Z
Zakladu Anatomii Patologicznej A.M w Warszawie, Kierownik: prof
dr. L. Paszkiewicz, J. Rydygier, Warszawa, ul. Marszalkowska 18,
m. 26

(ISLANDS OF LANGERHANS, neoplasms,
insuloma, causing hyperinsulinism)
(HYPERINSULINISM, etiology and pathogenesis,
insuloma)

RENKE, V. T.

PA 40/49T33

USSR/Electricity
Capacitors, Paper
Liquids - Conductivity

Feb 49

"The Problem of Utilizing Semiconductive Liquids to Saturate Paper Condensers," V. T. Renke, Leningrad Polytech Inst, 6 $\frac{1}{4}$ pp

"Zhur Tekh Fiz" Vol XIX, No 2

Problem has been investigated in US by Clark (GER, Vol L, No 2, pp 9 - 20), who published paper on subject in 1947. Analyzes problem from mathematical standpoint. Suggests explanations for some of Clark's results. Includes four diagrams. Submitted 25 May 48.

40/49T33

RENKER, H.

Copying turning with ceramic tools. p. 159.

STROJIRENSKA VYROBA, Praha, Czechoslovakia, Vol. 7, no. 3, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7.
July 1959

uncla.

RENKER, K.; Profesor, Dr.

Principles of the organization of health care in the German Democratic Republic. Cesk.zdravot.9 no.3:164-168 Mr '61.

1. Prednosta katedry socialni hygieny a reditel Ustavu hygieny,
Lutherova universita v Halle (Saale), Ustav hygieny.
(STATE MEDICINE)

RENKER, K.

Principles of public health organization in the German
Democratic Republic. Zdrav. Ros. Feder. 6 no.1:30-34 Ja '62.
(MIRA 15:3)

1. Iz kafedry sotsial'noy gigiyeny Instituta gigiyeny pri
universitete imeni Martina Lyutera, Galle-Wittenberg.
(GERMANY, EAST--PUBLIC HEALTH)

RENNER, K.

Development of the public health system in the German Democratic Republic. Zdrav. Ros. Feder. 6 no.4:36-40 Ap '62. (MIRA 15:4)

1. Iz gigiyenicheskogo instituta Universiteta imeni Martina Lyutera v Galle-Vittenberg, Germanskoy Demokraticeskoy Respubliki (dir. - K.Renker).

(EAST GERMANY--PUBLIC HEALTH)

WINTER, K.; WINTER, E.

Importance of dispensaries for preventing accidents and illnesses in factories.
Tr. from the German.

p. 96 (Ministry of Health, Research Institute for Organization of Health Service)
Vol. 5, No. 2, Feb. 1957.

SG: Monthly Index of East European Acessions (EIAI) Vol. 6, No.11 November 1957.

RENNEROVA, U., Jr.

Preventive work of the general practitioner in cooperative villages. Cesk. zdrav. 11 no. 4:154-156 '63.

1. Ustav hygieny Lutherovy university v Halle[~~ingle~~], NDR.
(PREVENTIVE MEDICINE) (RURAL HEALTH)
(GENERAL PRACTICE)

RENKEVICH, Yu.L.; FINKEL', L.M., inzh.

Readers' letters. Geod. i kart. no.11:63-69 N '58.
(MIRA 11:12)

1. Inspektor otryada No.21 Vostochno-Sibirskogo aerogeodezicheskogo
predpriyatiya (for Renkevich). 2. Foto-TSekh Moskovskogo
aerogeodezicheskogo predpriyatiya (for Finkel').
(Surveying)

3(4)
AUTHOR: Renkevich, Yu. L., Inspector of the SOV/6-58-11-10/15
Department Nr 21 of the East Siberian AGP (Aerial Surveying
Authority)

TITLE: Experience Gained With the Attachment DD-2 in Running Traverses
in a Closed Intersected Terrain (Opyt primeneniya nasadki DD-2
pri prolozhenii teodolitnykh khodov v zakrytoy peresechennoy
 mestnosti)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 11, pp 63-65 (USSR)

ABSTRACT: This is a letter to the editor. In forest-covered and intersected terrain it is often very inconvenient to measure the lengths of the traverse lines with the help of the attachment DNB-2 to the range meters. These inconveniences can be eliminated, if a vertical rod is used. Initial attempts in this direction were unsuccessful, until 1958 a three tripod system was used. Thus a higher accuracy and easier working was achieved in the use of the attachment DD-2. This paper gives a description of the working method. There are 2 figures.

Card 1/1

MARKS-ZAKRZEWSKA, A.; LAPINSKI, A.; FILIPOWICZ, A.; GRABOWSKA, U.; RENKIELSKA,
H.; WITKOWSKA, B.

Significance of agglutination reactions in dysentery in children. Pediat.
polska 34 no.2:145-152 Feb 59.

1. Z II Kliniki Chorob Dzieci A. M. w Gdansku Kierownik: doc. dr med.
A. Marks-Zakrzewska i z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej
w Gdansku Dyrektor: dr med. A. Iapinski. Adres: Doc. dr med. Marks- Zak-
rzewska, Warszawa, ul. Sienna 60.

(DYSENTERY, BACILLARY, in inf. & child,
fecal agglut. test (Pol))

(AGGLUTINATION,
Shigella agglut. test of feces in dysentery in child. (Pol))

RENKIELSKI, Jan

Restoration of the penile urethra following traumatic amputation. Pol. przegl. chir. 35 no.11:Supplement: 1261-1263
N°63.

1. Z Oddzialu Urologicznego III Kliniki Chirurgicznej AM
w Gdansku; kierownik: prof.dr. Z.Kieturakis.

LORENZ, Tadeusz; RENKIEWICZ, Jan

Kidney tumors in Poland. Urol. polska no.11:73-80 1957.

1. Z Oddzialu Urologicznego A. M. w Gdansku Ordynator: doc. dr med.
T. Lorenz.

(KIDNEYS, neoplasms
in Poland, statist. (Pol))

RENNIK, R. A.

"On Two-Channel Automatic Control Systems With Antisymmetrical Bonds," by A. A. Krasovskiy, Moscow, submitted for publication 13 October 1955, Avtomatika i Telemekhanika, Vol 18, No 2, Feb 57, pp 126-136

The article studies linear two-channel systems with asymmetric cross bonds. The classification of asymmetric bonds is presented and transfer functions with complex parameters are introduced. The effect of different asymmetric bonds on increasing the stability margin and the critical gain of the system are analyzed. The author holds that two-channel systems are more useful for the synthesis of corrective devices than are single-channel systems. He shows that the introduction of cross bonds provides a considerable enlargement of the stability field.

The author cites a book by R. A. Renkin [name transliterated from Russian], The Mathematical Theory of the Motion of Unguided Rockets, 1951.

RENKON, M.

Colors in life. Nauka i tekhnika mladezh 15 no.12; 8-10 D '63.

Country : YUGOSLAVIA G
Category : Organic Chemistry. Natural Substances and
Their Synthetic Analogs
Jrs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15522
Author : Renkonen, O.; Schindler, O.; Reichstein, T.
Institut. :
Title : Glycosides and Aglycones. Report 181. Structure
of Sinogenin
Orig. Pub. : Croat. chem. acta, 1957, 29, No 3-4, 239-245
Abstract : It was established that sinogenin isolated
earlier (Ref Zhur-Khim Bkh, 1958, 7431) from
the seeds of *Strophanthus divaricatus* (Lour.)
Hook et Arn., is $\Delta^{20(22)}$ -3 β ,11 α ,14-trioxy-12-
ketocardenolide (I). This is proved by the
following transformations: amorphous ketol
(II) which is formed during ozonization of
3,11-diacetate of sinogenin (III) gives, during
treatment with NaIO₄, 3 β ,11 α -diacetoxy-12-keto-
14-oxy-14 β -ethionic acid (IV), methylated with
Caro: 1/9

G - 81

Country :
Category :

G

Abs. Jour : Ref Znur - Khim., No 5, 1959, No. 15522

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : CH₂N₂ to methyl ether (V). Treatment of V with SOCl₂ in pyridine leads to the methyl ether of Δ¹⁴-3β,11α-diacetoxy-12-ketoethionic acid (VI), which forms methyl ether of 3β,11α-diacetoxy-12-ketoethionic acid (VII) during hydrogenation, and which is identical to the sample of VII obtained from methyl ether of 3β-acetoxy-12-ketoethionic acid by bromination of the latter, by treatment of the product of bromination with NaOH, and by subsequent acetylation.

Card: 2/9

Country :	G
Category :	
Abs. Jour :	Ref Zhur - Khim., No 5, 1959, No. 15522
Author :	
Institut. :	
Title :	
Orig. Pub. :	
Abstract cont'd.	The structure of VII is confirmed by the magnitude of the molecular rotation, by data of the ultraviolet spectrum, and by comparison of its constants with the constants of the known methyl ether of $3\beta,12\beta$ -diacetoxy- α -ketooethionic acid. A solution of 370 mg. of III, m.p. 255-260°, in 200 ml. of ethyl acetate is ozonized by 4% O ₃ for 30 minutes at -80°, evaporated in a vacuum at 20° to about 50 ml., and agitated with 2 ml. of chilled CH ₃ COOH and 2
Card:	4/9

G

Country :
Category :

Per. Jour : Ref Zhur - Khim., No 5, 1959, No. 15522

Author :

Institut :

Title :

Orig. Pub. :

Abstract : g. of Zn powder for 2.5 hours; 2 g. of Zn powder are added and agitated for another four hours. It is filtered through kieselguhr, the filtrate evaporated in a vacuum, dissolved in CHCl₃-ether, washed with water and a sodium carbonate solution, evaporated, the residue dissolved in 32 ml. of CH₃OH and treated with a solution of 450 mg. of KHCO₃ in 11 ml. of water. After 16 hours at 20° it is decomposed with 20 ml. of water, CH₃OH is distilled off

Card: 5/9

G - 83

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Country :
Category :
Jrs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15522
Author :
Institut. :
Title :
Orig. Pub. :
Abstract cont'd. : separated out from the CHCl₃-ether solution was not investigated further. Aqueous bicarbonate solution is acidified with H₂SO₄, extracted with CHCl₃ and IV is separated out, with yield of 98 mg., m.p. 245-249° (softens at 235°; from ether-acetone). A solution of 250 mg. of unpurified IV in CHCl₃ is treated with an ether solution of CH₂N₂, after 15 minutes at 20° it is evaporated and the residue is treated with 1.2 ml. of (CH₃CO)₂O in 2 ml. of
Card: 7/9

G - 84

Country
to territory

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Author: Ref. Lit. - Khim., no 5, 1959, No. 15522

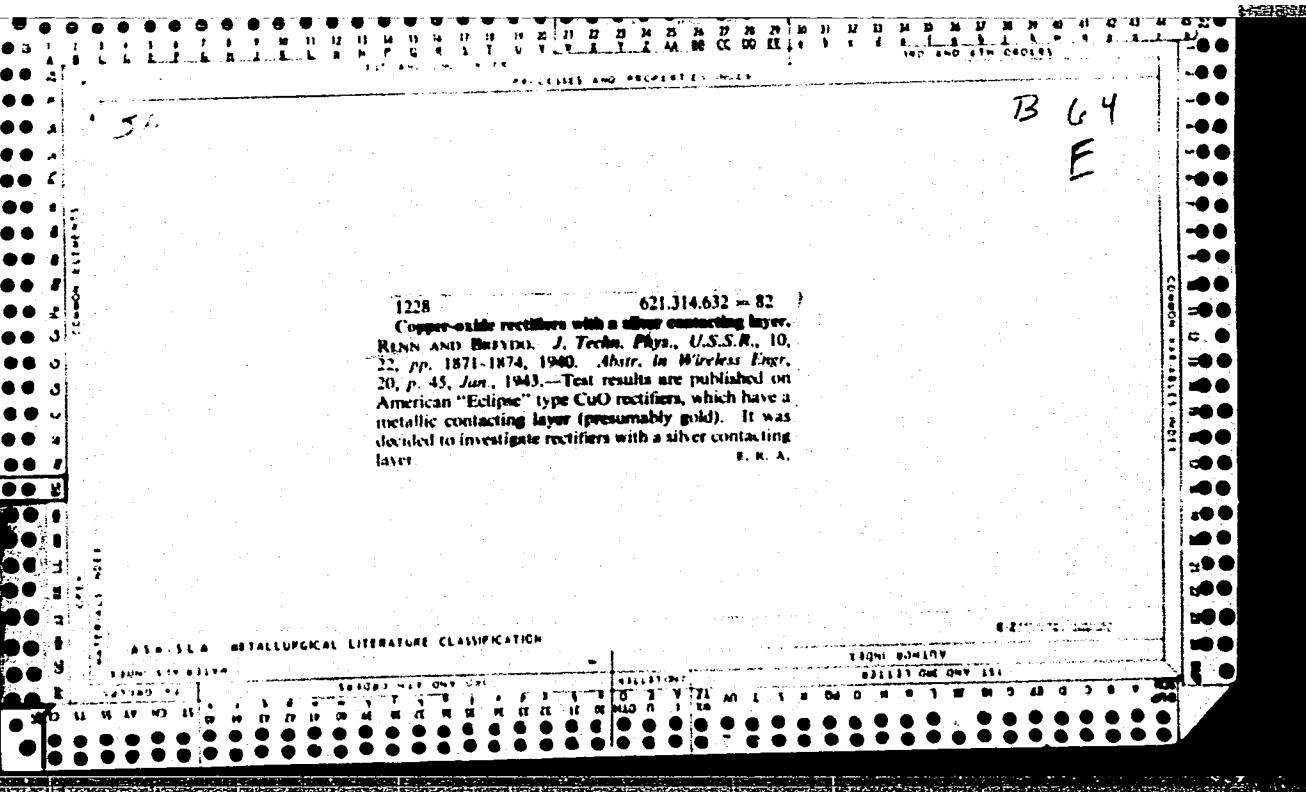
Author
Institute
Title

Origin date:

Abstract: VI in 10 ml. of chilled CH_3COOH in the presence of 25 mg. of $\text{PtO}_2 \cdot \text{H}_2\text{O}$ with subsequent treatment of the filtrate with 0.2 ml. of a 2% solution of $\text{CrO}_3 \cdot \text{CH}_3\text{COOH}$ (20° , 7 hours) gives VII after chromatography of the product on Al_2O_3 , with yield of 22 mg., m.p. $157-159^\circ$ (from ether-pentane), $[\alpha]^{23}\text{D} +48.8 \pm 3^\circ$ (c 0.6946; chloroform). Curves of the ultraviolet spectrum of V and those of infrared spectra of V and VII are given.-- M. Burmistrova

Card: 9/9

G - 85

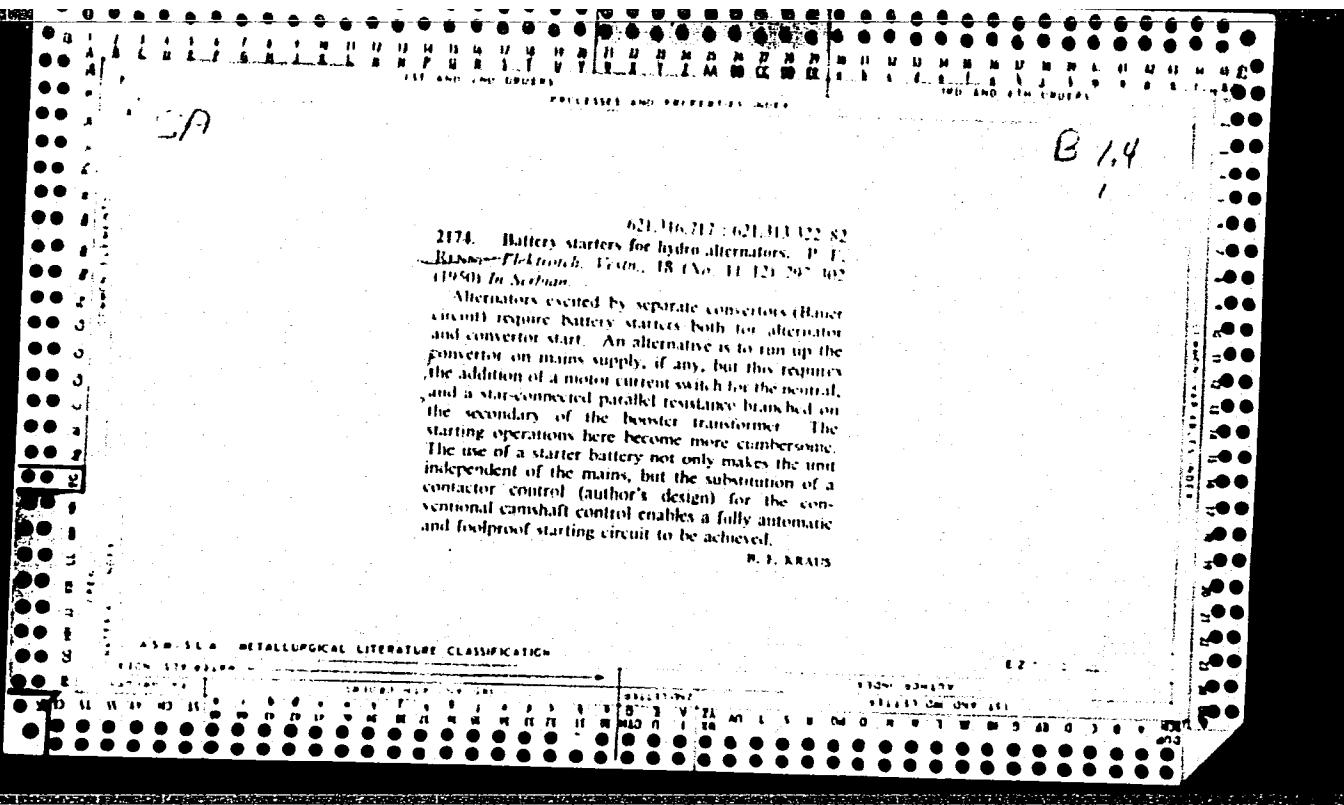


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RENN,
BREYDO,

621 311633 82
1228
Copper-oxide rectifiers with a silver contacting layer.
André Bouyoux, J. Techn. Phys., U.S.A.R., 10,
pp. 1871-1874, 1940. Batt. of Warless Layer,
Ap. 15, 1941, 1943. Test results are published on
these "Eclipse" type CuO rectifiers, which have a
silver contacting layer (preferably gold). It was
shown that monocrystalline rectifiers with a silver contacting
layer had higher currents than those with a gold



RENNÉ, G.G.

Annular baths for electroplating. Biul.tekh.-ekon.inform.Gos.
nauch.-issl.inst.nauch.i tekhn.inform. no.9:30-32 '63. (MIRA 16:10)

S/123/60/000/02⁴/007/014
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No. 2⁴, p. 129,
132951

AUTHOR: Renne G.G.

TITLE: The Application of the Permeameter for Measuring the Nitrated Layer

PERIODICAL: Prom.-ekon. byul. Sovnarkhoz Permsk. ekon. adm. r-na, 1958, №. 10,
pp. 36-37

TEXT: The author reports on a permeameter provided for 100%-check of the nitrated layer on the non-magnetic steel 3H -69 (EI-69). The device consists of two coils circuited in a bridge system, a rheostat, a rectifier, and a galvanometer. For checking, the standard is put into one of the coils, the part being checked into the other. There is one figure.

M.V.S.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

RENNIE, I. F.

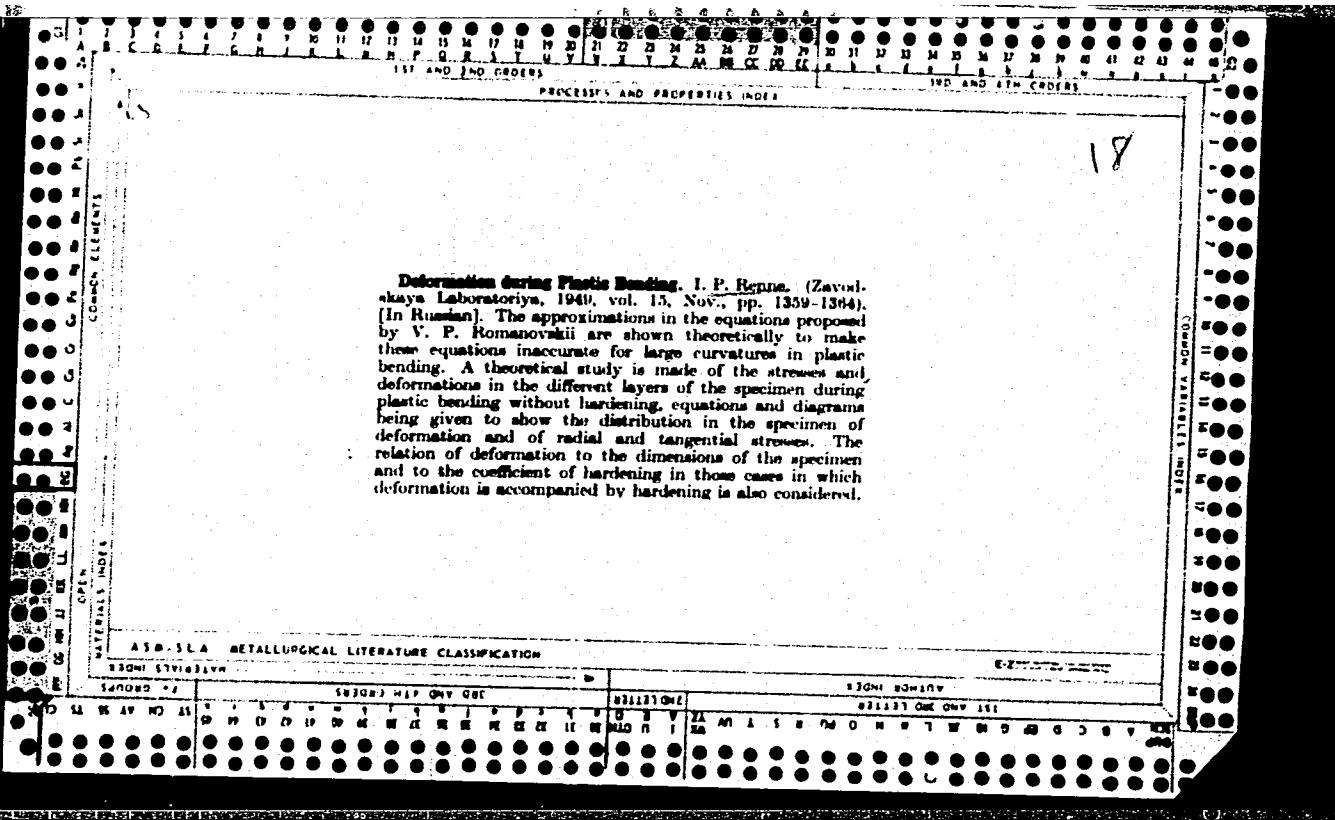
36711. Issledovaniye i Raschet Operatsiy Protyazhi Rezhou Ploskini Boykari. Trudov
Tul Nekhan. In-Ta Vyp. 3, 1949, s 79-92.

SO: Letopis' Zhurnal'nykh Statey Vol. 50, Moskva, 1949

RENN, I. P.

36137 Deformatsiya pri plasticheskem izgibe. (Po rovody stat'i V. P. Romanovskogo "O plasticheskem izgibe" v zhurn. "Zavodskaya laboratoriya". 1948, No. 12) Zavodskaya laboratoriya, 1949, No. 11, S. 1359-64.

SO: Letopis' Zhurnal' mykh Statey, No. 49, 1949



RENN, I.P., inzhener.

Selecting the radius of curvature of a punch in "free bending." Vest.mash.
33 no.5:35-41 My '53. (MLRA 6:5)

1. Tul'skiy mekhanicheskiy institut.

(Punching machinery)

USSR/Engineering - Metal shaping

Card 1/1 : Pub. 128 - 14/38

Authors : Renne, I. P.

Title : The load required for bending strips in V-shaped dies

Periodical : Vest. mash. 9, 51-56, Sep 1954

Abstract : Formulas are given for calculating the load based on the properties of the material and the geometry of the finished product. Diagrams and drawings depicting various bending operations and types of dies used are presented. Twelve references: 11-USSR; 1-German (1927-1953). Graphs; tables; illustration; diagrams.

Institution :

Submitted :

RENNÉ, I.P., kandidat tekhnicheskikh nauk, dotsent.

Using coordinate graphs for the study of deformations under
composite stresses. [Izd.] LONITOMASH vol.40:7-23 '56.
(Deformations (Mechanics))
(Strains and stresses) (MLRA 10:4)

SOV/124-57-7-8253

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 123 (USSR)

AUTHOR: Renne, I. P.

TITLE: The Coordinate-grid Method of Investigation of a Strain Condition Produced by Compound Loading (Issledovaniye deformirovannogo sostoyaniya metodom koordinatnoy setki pri slozhnom nagruzhenii)

PERIODICAL: V sb.: Progressiv. tekhnol. kholodno-shtamp. proizv. Moscow Leningrad, Mashgiz, 1956, pp 7-23

ABSTRACT: Strain in the walls of pipes subjected to drawing was investigated by means of the coordinate-grid method. For experimental purposes the pipes were cut in half lengthwise and the grid was etched on the parted surfaces. The halves were re-positioned in the form of the original pipe and then subjected to drawing on a machine provided with a movable cylindrical mandrel. Curves were plotted showing the distribution and the direction of the principal strains in the various cross sections of the pipe.

P. O. Pashkov

Card 1/1

RHMKE, I.P., kand. tekhn. nauk, dozent

Using flow-line hodographs in determining the intensity of deformations in case of stationary flow processes. Izv. vys. uchet. zav.; mashinostr. no.6:153-166 '64.

(MIRA 17:12)

1. Tul'skiy politekhnicheskiy institut.

L 36129-66	EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k)	IJP(c)	JD/HW/DJ
ACC NR: AP6016577	(N)	SOURCE CODE:	UR/0182/66/000/005/0012/0015
AUTHOR: <u>Renne, I. P.; Taypina, M. N.</u>			56 55 B
ORG: none			
TITLE: Investigation of direct steady-state plane extrusion 4			
SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 5, 1966, 12-15			
TOPIC TAGS: metal extrusion, flow field, friction, metal deformation			
ABSTRACT: The authors describe a method of the theoretical calculation of the deformations of forgings produced by direct extrusion, which makes it possible to determine both the local deformations and the total values of deformation intensity. It is shown that the labor-consuming exact solution based on the use of the slip-line field and the corresponding hodograph of flow velocities may be replaced with a sufficiently accurate approximate solution if the slip-line field is replaced with a discontinuous velocity field. For comparison with experimental findings, the authors investigated the processes of direct extrusion with the ratio H/h = 3.42 in the presence and <u>absence of friction</u> at the surface of die and container. Lead specimens on which a coordinate grid of lines was plotted were subjected to direct extrusion until steady-state flow was accomplished and the region originally present in the plastic zone was entirely displaced beyond the confines of that zone. Findings; The			
Card 1/2	UDC:	621.777.22	

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ACC NR: AP6016577

experimentally obtained pattern of distribution of deformation intensity over the width of specimen is in good agreement with the theoretically obtained pattern of distribution based on the theoretical solution for the discontinuous velocity field. The mean shear intensity in the case of friction-free extrusion is found to be higher than in the case of friction-involving extrusion. In other words, the proportion of the specific work expended on deformation alone is higher for friction-free extrusion than for friction-involving extrusion. Orig. art. has: 7 figures.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 001

Card 2/2 116

RENNÉ, I.P., kand. tekhn. nauk, dotsent

Approximate determination of the values of deformation
intensities at a steady two-dimensional flow. Izv. vys.
ucheb. zav.; mashinostr. no.7:160-167 '65. (MIRA 13:12)

1. Submitted June 22, 1964.

KENNE K.K.

21(4) PHASE I BOOK EXPLOITATION SOV/2583
International Conference on the Peaceful Uses of Atomic Energy.
2nd, Geneva, 1953.

Obzory sovetskikh techeniy po Yadernym reaktorom i yadernym energetikam. (Reports of Soviet Scientists on Nuclear Reactors and Nuclear Power.) Moscow, Atomizdat, 1959. 1970 p. (series: It. Trudy, vol. 2.) Errata 411p. Inserted. 8,000 copies printed.

PURPOSE: This book is intended for scientists and engineers engaged in reactor design, as well as for professors and students of higher technical schools where reactor design is taught.

CONTENTS: This is a second volume of a six-volume collection on the peaceful use of atomic energy. The six volumes contain the reports presented by Soviet scientists at the Second International Conference on Peaceful Uses of Atomic Energy, held from September 1 to 13, 1956 in Geneva. Volume 2 consists of three parts. The first is devoted to atomic power plants under construction in the Soviet Union; the second to experimental and research reactors; the experiments carried out on them, and the work to improve them; and the third, which is predominantly theoretical, to problems of nuclear reactor physics and construction engineering. Dr. N. Borykin is the science editor of this volume. See Sov/2081 for titles of all volumes of the set. References appear at the end of the articles.

PART II. EXPERIMENTAL AND RESEARCH REACTORS

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APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0014446

RYNN, J.P., and, testno. rank, absent, POFINA, M.W., Inst., 1985,
1.6G, inch.

Some factors affecting the measurement precision of dividing
rate used in studying local deformations. Izv. vys. ucheb.
zav. mashinestr. no.6A198146 '65. (MIRA 16:8)

RENNIE, I.P.; TSYPINA, M.N.; YUDIN, L.G.

Experimental investigation of the accuracy and reliability of
dividing grids with thin graduation lines. Zav. lab. 30 no.11:
1387-1390 '64 (MTRA 18:1)

1. Tbil'skiy politekhnicheskiy institut.

RENN, I.P.; TSYPINA, M.N.; YUDIN, L.G.

Precision of applying and measuring graduation marks used in
studying deformations. Zav. lab. 30 no.8:1013-1016 '64.
(MIRA 18:3)

1. Tul'skiy politekhnicheskiy institut.

RENNÉ, I.P.; DAVIDENKOV, N.N. [deceased]

Correction to the curve of true stresses suggested by N.N.
Davidenkov and N.I.Spiridonova. Zav.lab. 29 no.5:634-637
'63. (MIRA 16:5)
(Strains and stresses)

SOV/137-57-6-10814

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 6, p 200 (USSR)

AUTHOR: Renne, I.P.

TITLE: State of Strain Under Complex Stress Investigated by Means of Grid Systems of Coordinates (Issledovaniye deformirovannogo sostoyaniya metodom koordinatnoy setki pri slozhnom nagruzhenii)

PERIODICAL: V sb.: Progressiv. tekhnol. kholodnoshtamp. proiz-va, Moscow-Leningrad, Mashgiz, 1956, pp 7-23

ABSTRACT: Siebel's method for strain calculation by comparison of grid systems of coordinates (SC) for the initial and strained states does not permit correct evaluation either of the degree of deformation or of the direction of the major axes and does not reflect the change in the physical condition of the body being deformed under complex strain. Under complex loading it is necessary to employ another method based on observations of change in the shape of the SC unit cell in the process of deformation (D). Under complex loading, D is determined by integration of the derivative of D intensity, e_j , during the entire process, and this comes down to determination of the derivatives of the components of the D tensor. This method has been

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State of Strain Under Complex Stress (cont.)

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used in practice to investigate the process of drawing pipes on a moving mandrel. The shift in the SC unit cell as the metal leaves the contact area is used as the parameter λ of which D is a function. The dimensions of the cell and the angle between the sides of the cell and its angle of rotation are found from measurements of the SC. Equations are developed for determining the derivatives of D components from data obtained by measurement. A description is offered of the application of the grid method to an investigation of the process of rolling pipe of 55 mm diameter and 5.5 mm wall thickness, made of two snugly-fitted halves. The base of the SC is 0.5 mm, but the unit cell is based on 1 mm gradations. The parameter λ is used to identify each unit cell in sequence. It is established that the angular D is greatest in the central layers and approaches the outer walls as D declines. As the unit cell is displaced, D varies unevenly in various layers of the wall. Elongation of the inner layers rises more intensely and ends earlier than that of the external layers. Nonuniformity of D increases with entering angle and reduction in D . The direction of the major D axes along the contact area undergoes continuous change, this being particularly pronounced in the external layers. An analytical expression is established to relate the mean value of the deformation e_i to the bell angle. Graphs of the components of D and their derivatives at various points in the contact area are plotted. If we know the yielding curve we

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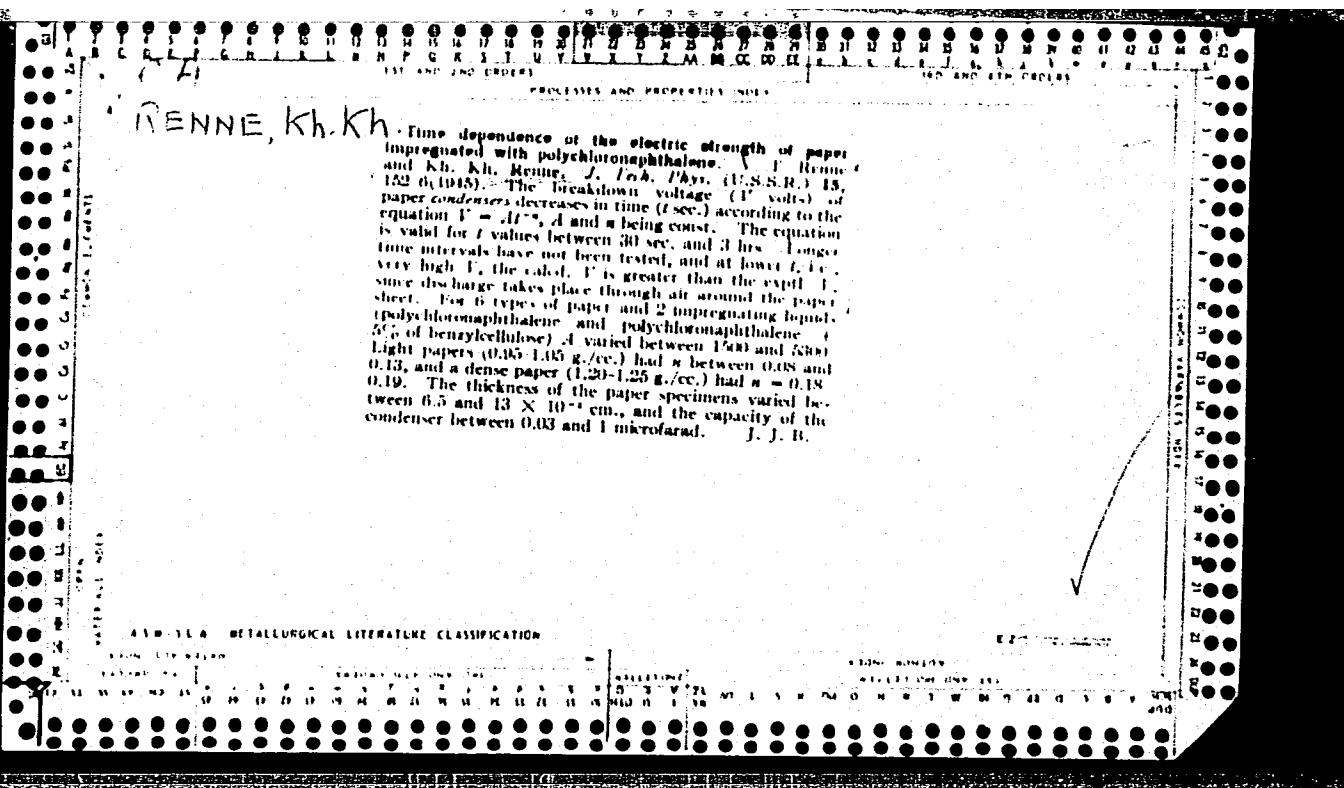
State of Strain Under Complex Stress (cont.)

SOV/137-57-6-10814

are in a position to define the work of D and the drawing stress. A formula is derived for draw pull, calculations with which are in satisfactory agreement with values measured directly during the drawing of tubes.

V.O.

Card 3/3



BALYASNY, N.D.; KOGAN, R.M.; RENNE, O.S.; FRIDMAN, Sh.D.

Experience in determining RaC', ThC'' and K40 in homogenous
granitoids from the energy composition of γ -rays. Izv. AN
SSSR. Ser.geofiz. no.5:664-676 My '62. (MIRA 15:8)

1. Institut prikladny geofiziki AN SSSR.
(Radioisotopes) (Gamma rays)

BALYASNYY, N.D.; KOGAN, R.M.; NIKIFOROV, M.V.; FENNE, O.S.; FRIDMAN, Sh.D.

Radioisotopic analysis of rocks and soils from the energy spectrum
of gamma rays in the troposphere. Dokl. AN SSSR 140 no.4:807-810
0 '61. (MIRA 14:9)

1. Institut prikladnoy geofiziki AN SSSR. Predstavлено akademikom
Ye.K.Fedorovym.
(Radioisotopes--Analysis) (Gamma-ray spectrometry)

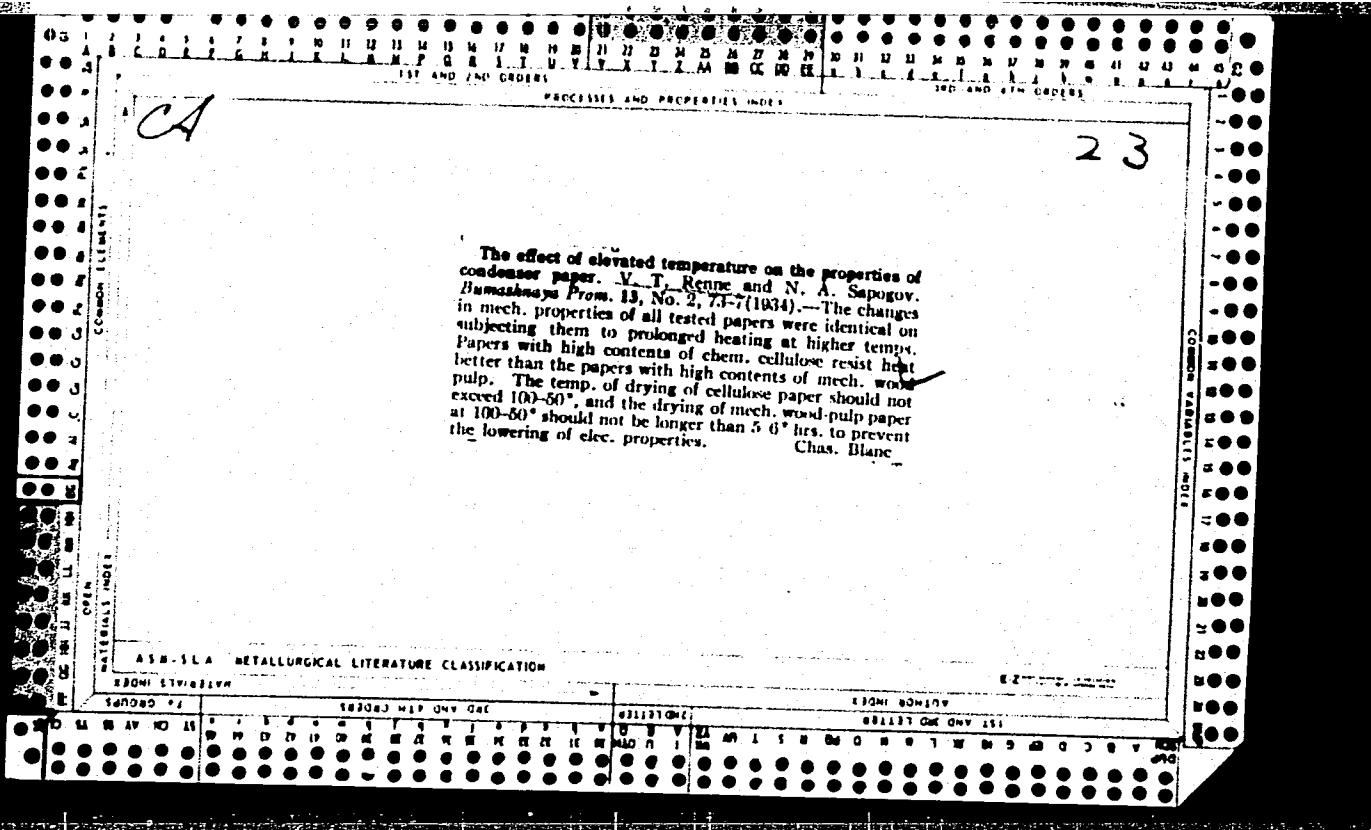
RENNÉ, T.F.

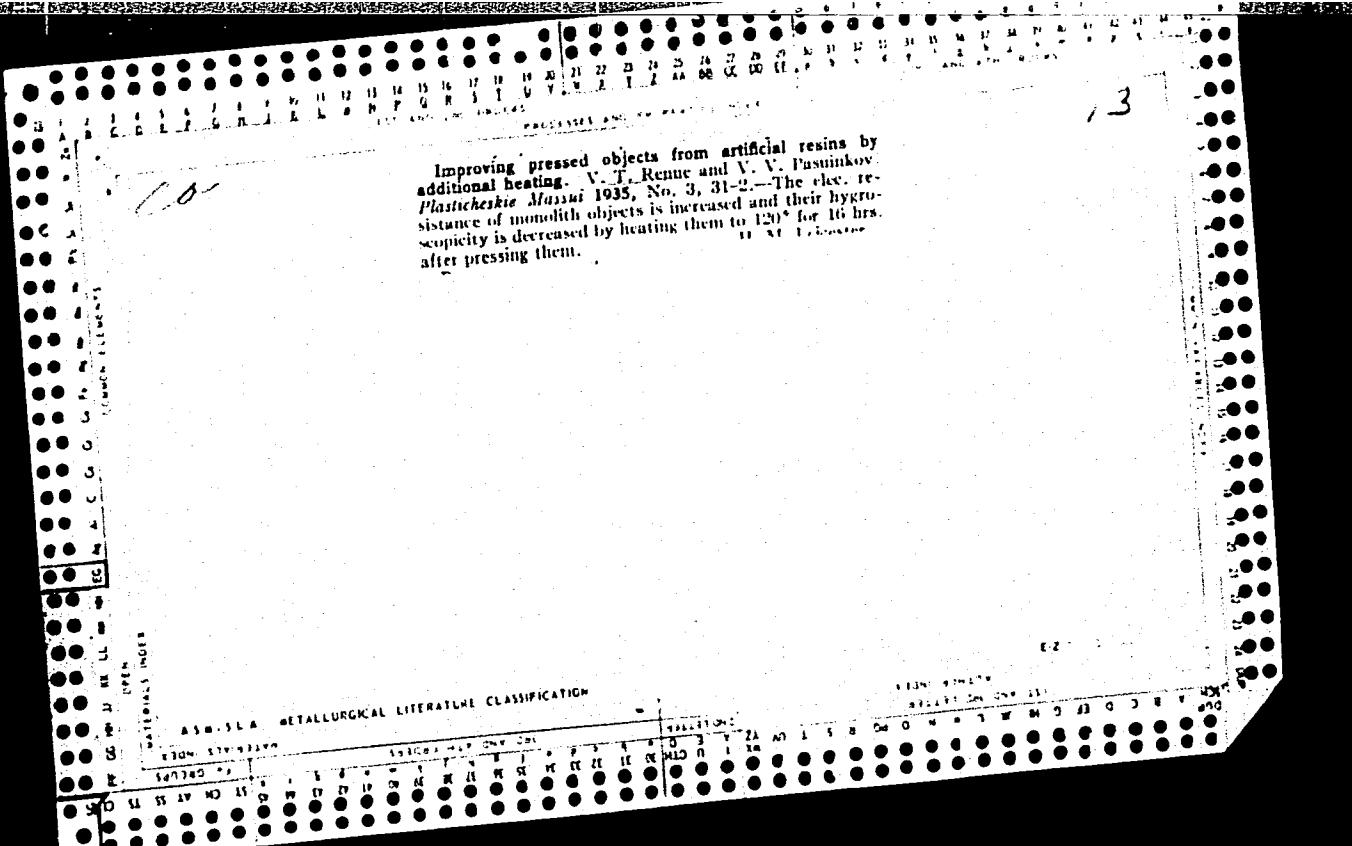
Some hyperkinetic forms of spring-summer encephalitis. Zhur. nerv. i psikh. 61 no. 1:52-55 '61. (MIRA 14:4)

1. Kafedra nervnykh bolezney (zav. - prof. E.M. Vizen) Permskogo meditsinskogo instituta.
(ENCEPHALITIS) (EPILEPSY)

RENNÉ, V.G.

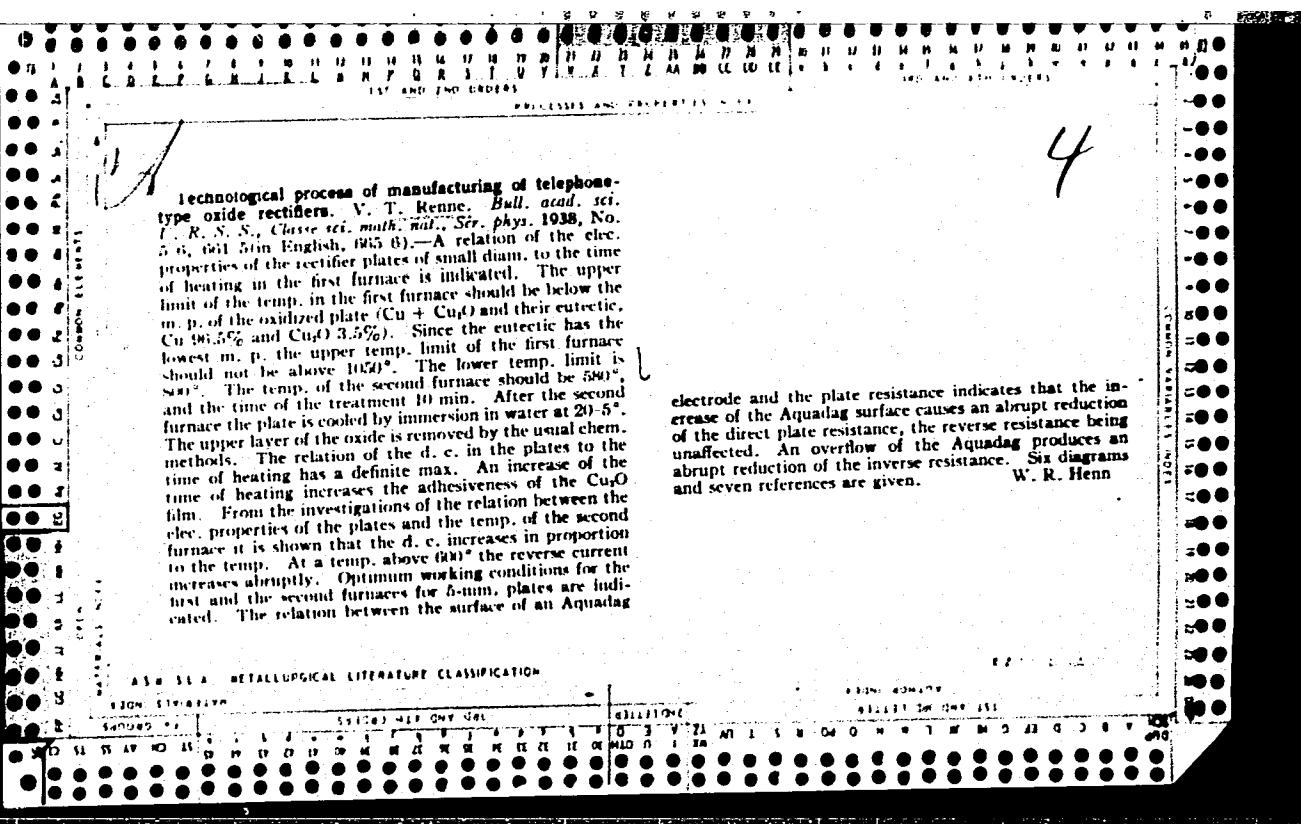
Method of determining settling of a drilling fluid. Razved. 1
prom.geofiz. no.12:30 '55. (MLRA 9:7)
(Oil well drilling fluids)





RENNIE, V. T.

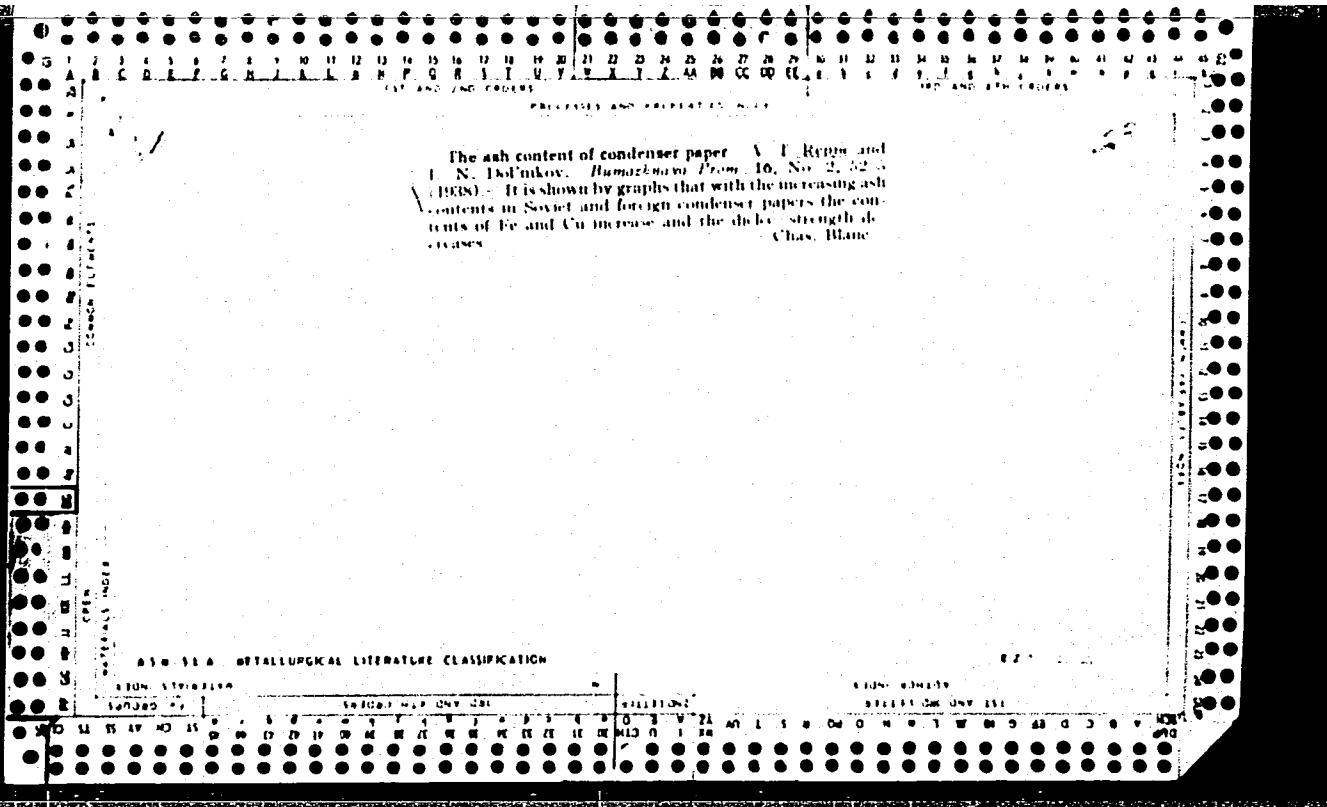
111
Aluminum Foil for Condensers. V. T. Rennie (*Light Metals*), 1937, 8, (4), 22-25).—[In Russian.] A review, and comparison, of the compositions and properties of aluminum foils.—D. N. S.
21
31



Aging of copper oxide rectifiers. V. T. Renner & V. I. Rumyantseva and V. V. Pasynkov. *J. Tech. Phys. (U. S. S. R.)* 8, 340 (1956).—CuO rectifiers when exposed to moisture undergo both aging and increase in resistance. At room temp., the aging process is completed after (30) 2000 hrs. The increase in resistance is 5-fold in the same length of time. J. Livak

MATERIALS FOR THE METALLOGRAPHICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 **CIA-RDP86-00513R0014446**



Electric condenser. V. T. Renne. Russ. 53,955, Oct. 31, 1939. The dielectric of a condenser is made from paper impregnated with chlorinated naphthalene preliminarily fused with 2-5% benzyl cellulose.

APPENDIX - METALURGICAL LITERATURE CLASSIFICATION

RENNE, V. T.

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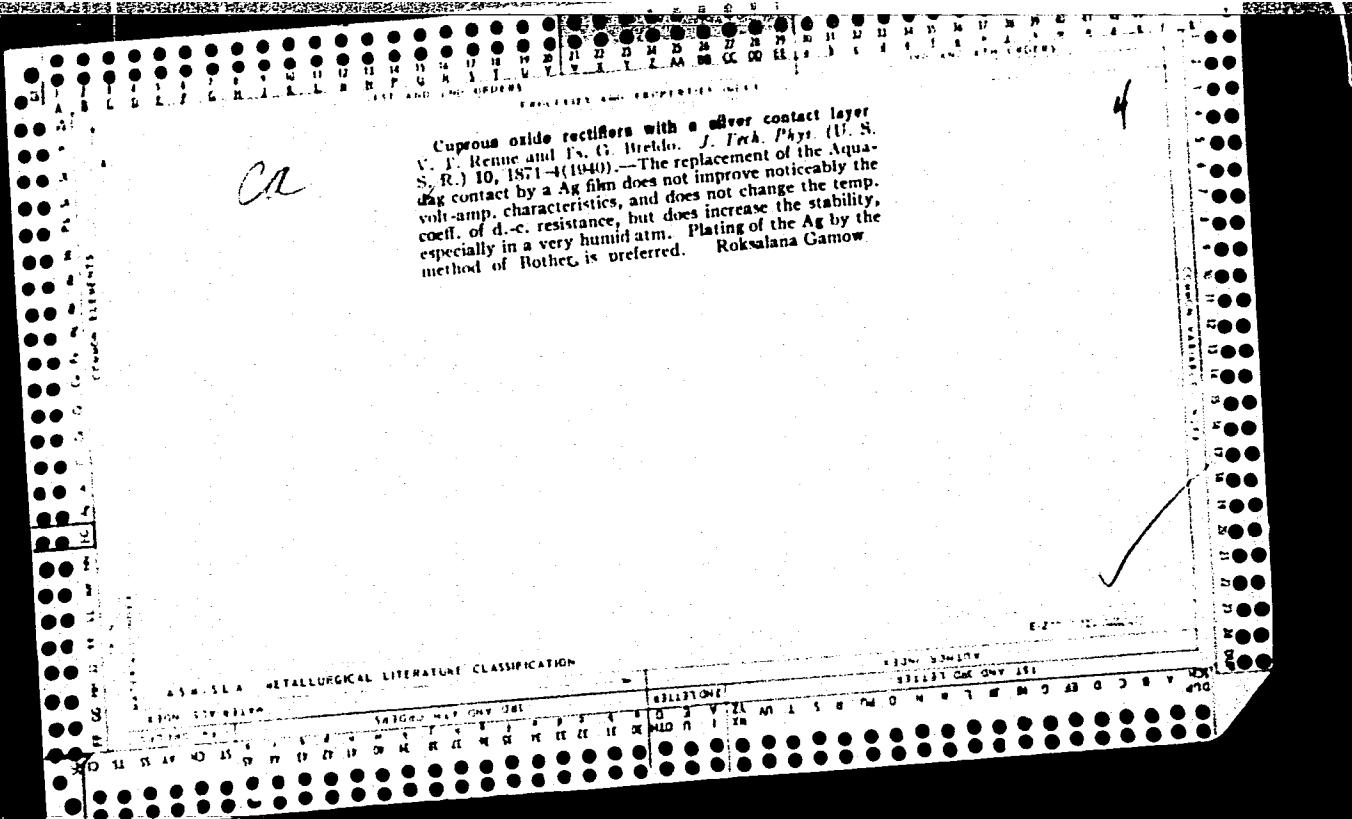
PROCESSES AND PROPERTIES

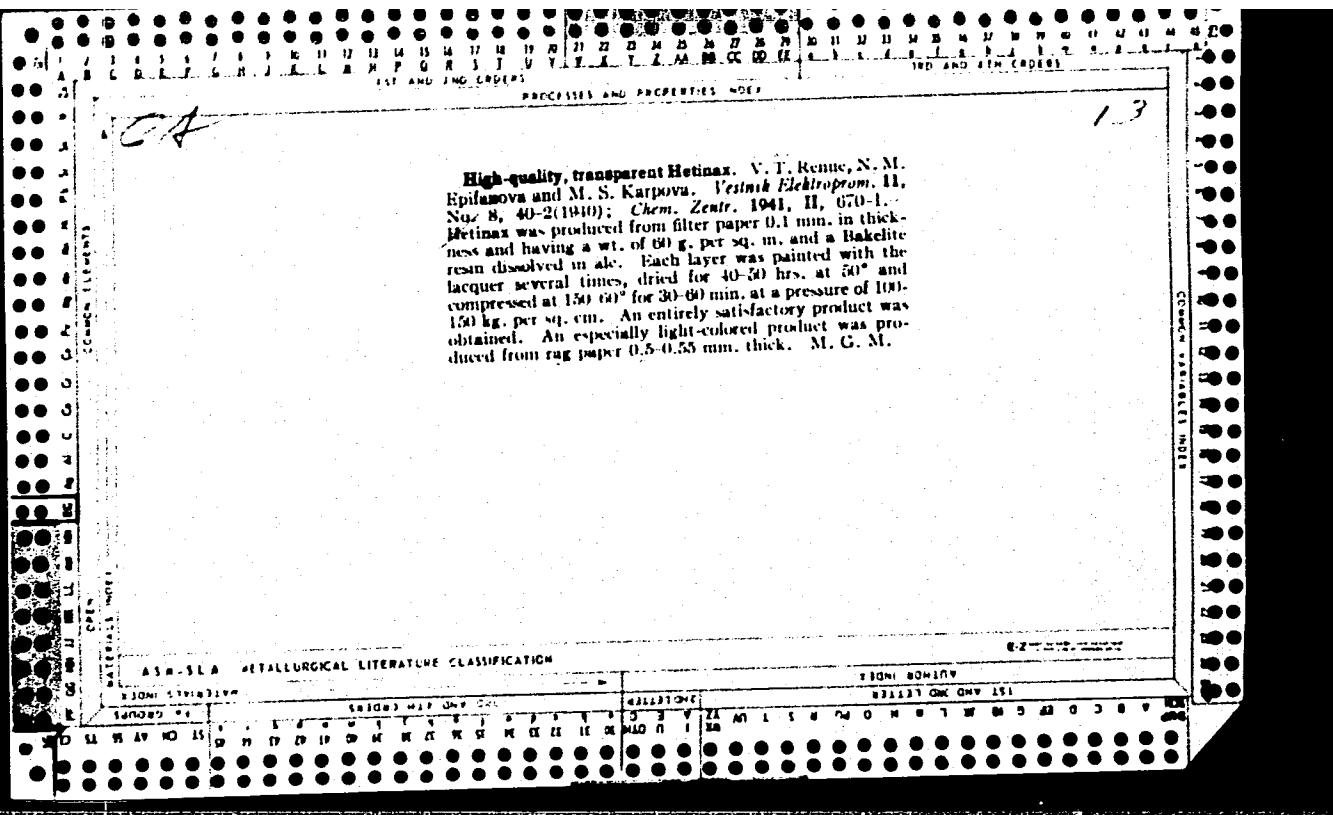
A plastic mass of improved electrical insulating properties. V. T. Renne and A. D. Kupriyanov. *Vestnik Elektroprom.* 1939, No. 6, 53-55; *Khim. Referat. Zhur.* 1939, No. 12, 100; cf. C. A. 34, 6812'.—Compressed objects from monolite press powder (produced by the Okhta Chem. Plant) and from the similar E18-2 (produced by the "Karbopol" plant) have satisfactory physico-chem. properties, but insufficient elec. insulating properties. The K21-22 powder (produced by the "Karbopol" plant) produced on a cresol-formaldehyde resin base can be compressed to a mass which possesses considerably better elec. insulating properties. Increase of the temp. and the time of compression produced poorer elec. properties of both monolite and K21-22. The paper gives comparative physical-mech. and elec. properties of 3 types of American elec. insulating plastic masses: (1) dielectrics for general purposes, (2) for magneto insulation and (3) for radio insulation, and of 2 types of German plastic masses (type S and type O). W. R. Henn

Study of cuprous oxide rectifiers at sonic and supersonic frequencies. V. F. Reimer, A. V. Bogdanov and S. S. Meakin. *J. Tech. Phys. (U. S. S. R.)* 9, 2149 (1955).
The total resistance and the capacity/sq. cm. of the rectifiers investigated decreased rapidly when the frequency rose to 10,000 cycles/sec., and slowly when it was raised to 60,000 cycles. Changes of the mfg. process which reduce the capacity and increase the total resistance are discussed. J. J. Bikerman

ASME SEA - METALLURGICAL LITERATURE CLASSIFICATION

Cuprous oxide rectifiers with a silver contact layer
 V. F. Renne and T. G. Heidlin. *J. Tech. Phys.* (U. S. S. R.), 10, 187-4 (1940).—The replacement of the Aquadag contact by a Ag film does not improve noticeably the volt-amp. characteristics, and does not change the temp. coeff. of d.-c. resistance, but does increase the stability, especially in a very humid atm. Plating of the Ag by the method of Rothe is preferred. *Roksalana Gamow*.

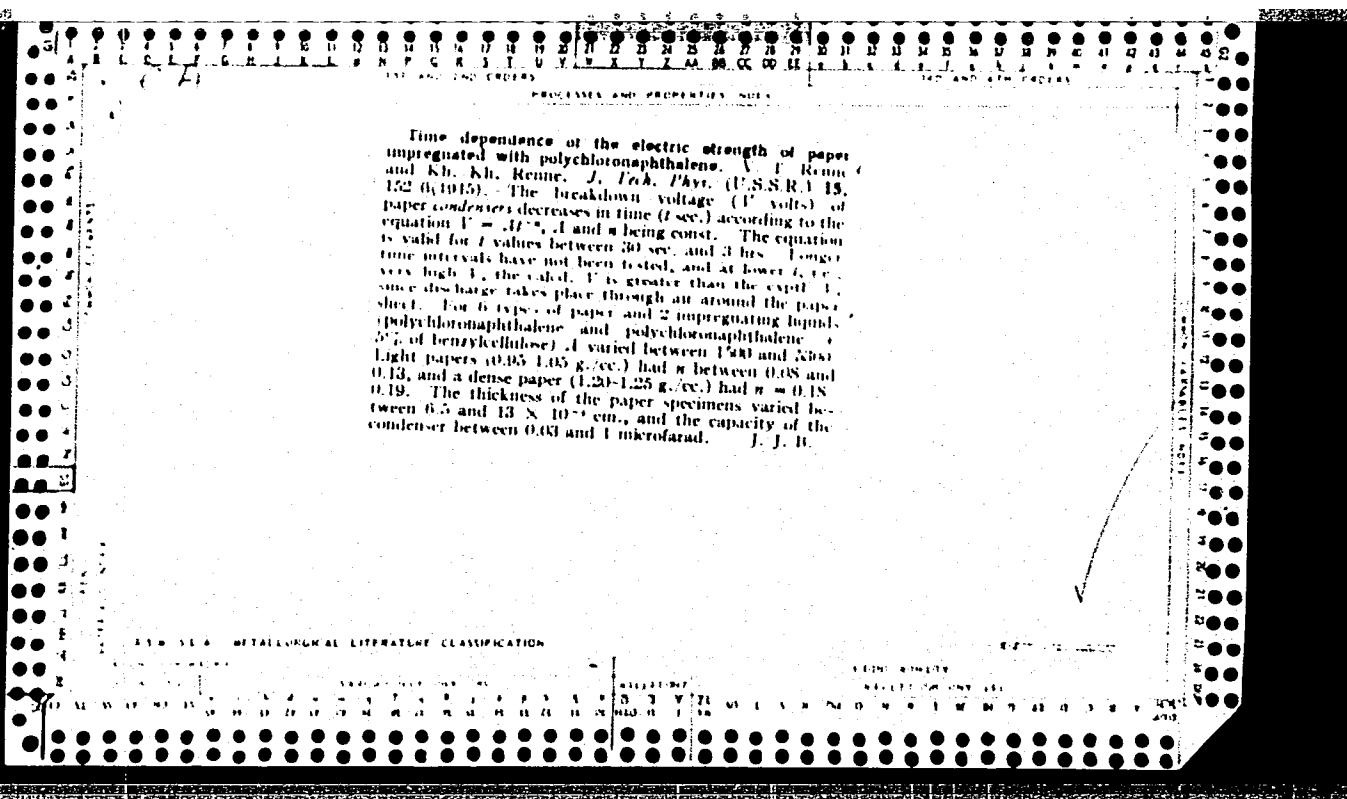


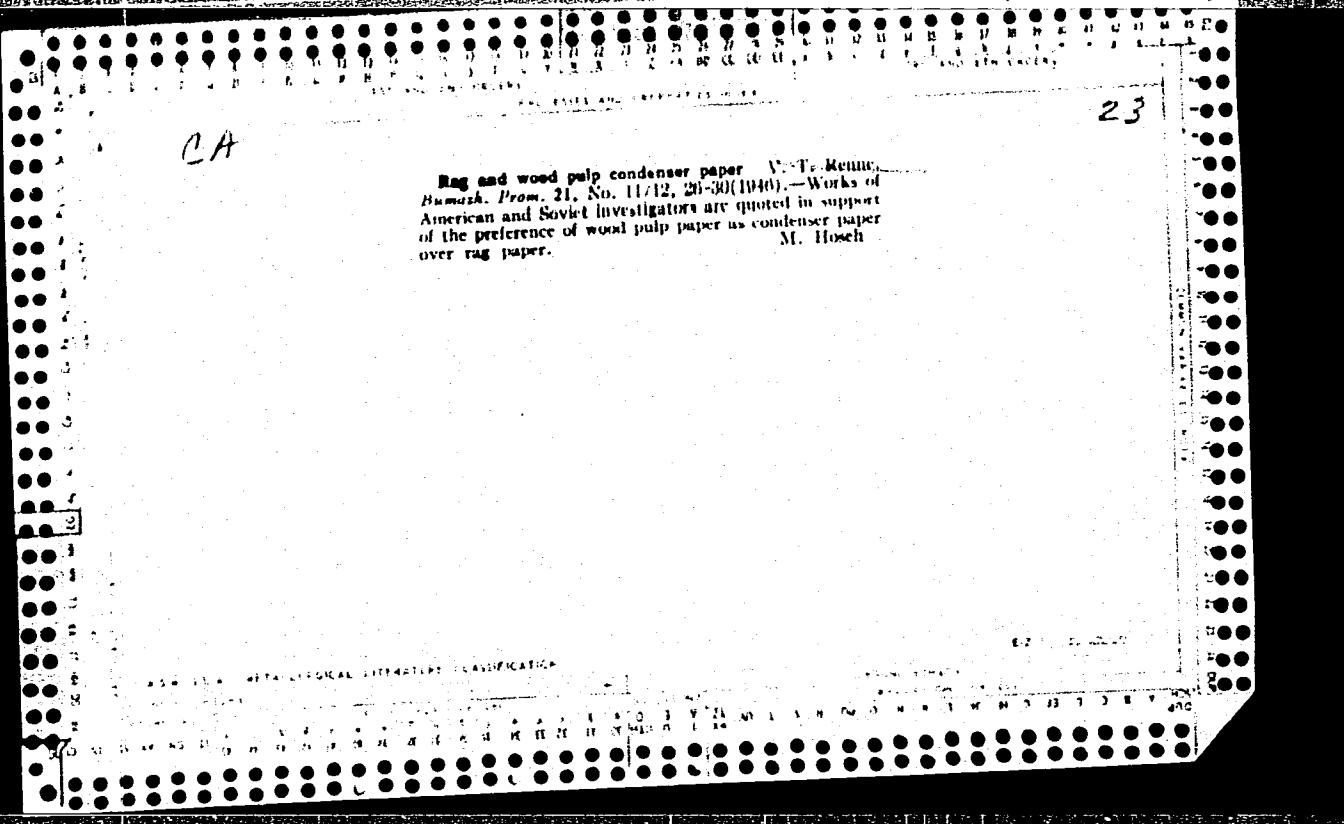


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40 621314.612 - 82
Copper-oxide high-frequency rectifiers with in-
creased stability. RANNE, W. T., AND BAGDANIW,
A. W. *Elektronizuz*, No. 2, pp. 67-70, Feb., 1941.

S. S.





RENN, V.T.; ORSHANSKIY, D.L.,redaktor.

[Electric condensers] Elektricheskie kondensatory. Leningrad, Gos.
energ. izd-vo, 1947, 191 p. [Microfilm] (MLR 8:1)
(Condensers (Electricity))

RENNIE, V. T.

SA

B 64

5

3

The speed of self-discharge as a quality criterion of paper capacitors for d.c. RENNIE V. T. J. Tech. Phys., USSR, 17 (No. 1) 37-42 (1947) In Russian.—The usual method of leakage current assessment is criticized, and a novel method proposed, consisting of the observation of the discharge curve by means of an electrostatic voltmeter. The experimental technique is described, and numerous curves are shown, plotting relations between charging time, p.f., initial charge, type of paper, and type of impregnant. A. L.

RENN, V. T.

PA 4/132

USSR/Electricity
Capacitors

Apr 1948

"New Research on Condensers," V. T. Renne, Cand Tech
Sci, 1st pp

"Elektrichest" No 4

Renne summarizes research done by Godley and Hopkins
in field of metal treated paper condensers. Explains tests made between leads, tests on main body
of chassis, and tests between various sections of
installation.

69T52

RENN, V. T.

"New Techniques in the Production of Condensers," Elektrichestvo, No.7, 1948

Cand. Tech. Sci.

RENN, V. T.

3561. Calculation of the permittivity of impregnated paper. RENNE, V. T. *Elektrichesivo* (No. 1) 37-8 (Jan., 1949) *In Russian.*—To calculate the permittivity of its dielectric from those of the cellulose and of the impregnant, a paper capacitor may most simply be represented by an equivalent circuit consisting of two parallel capacitors, one equivalent to the cellulose and the other to the impregnant. The circuit corresponds to the assumption that the cellulose contains transverse pores filled with impregnant. The second circuit in which the capacitances representing the cellulose and impregnant are connected in series corresponds to the assumption that the pores filled with impregnant are parallel to the length of the paper. Solid impregnants used in capacitors contract on cooling to leave voids which are represented in a third equivalent circuit by an additional series

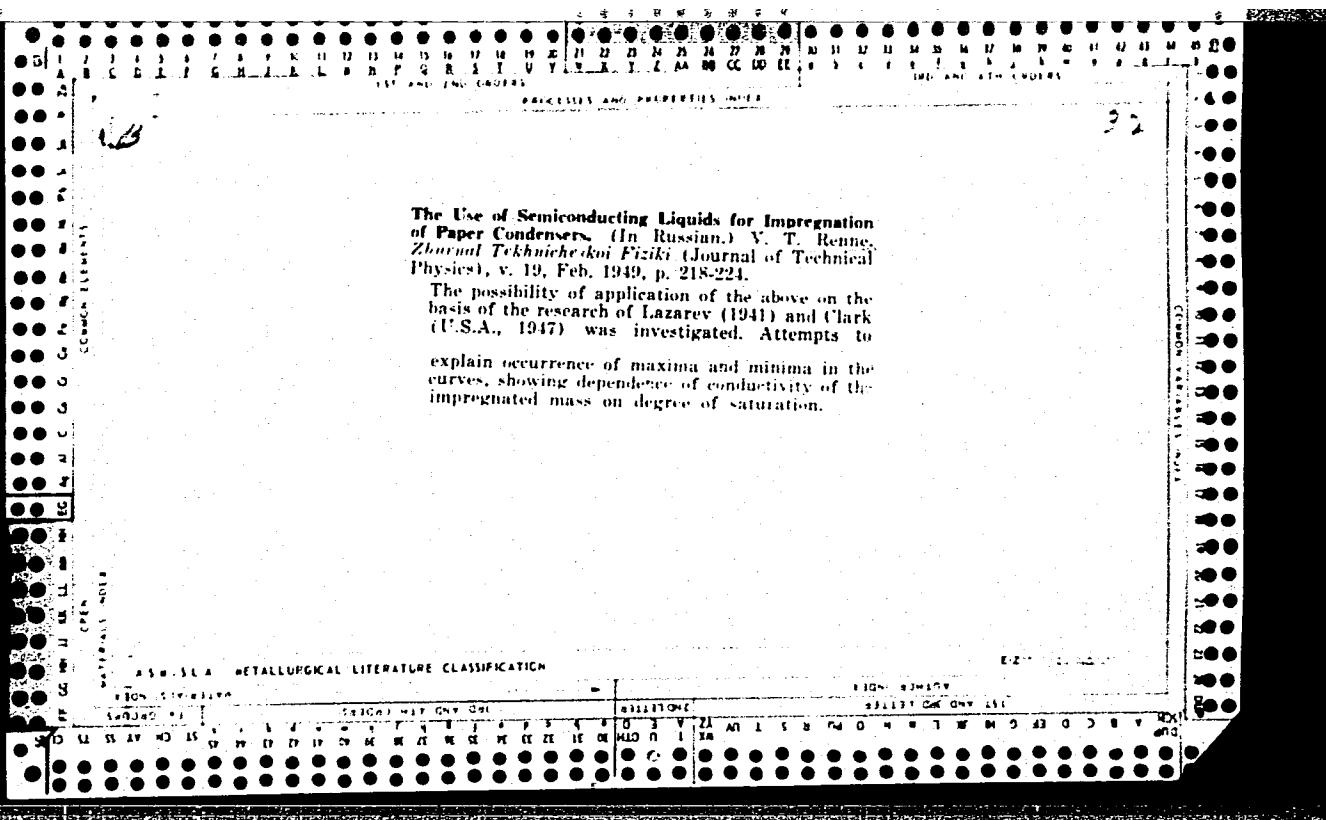
capacitance. The permittivity of cellulose is taken as 7 and curves are plotted of the permittivity of the dielectric as function of that of the impregnant for each of these equivalent circuits and are compared with an experimental curve taken from an earlier paper by Renne and Shliakhter. The first equivalent circuit and (for impregnant permittivities > 2) the second, give permittivities greater than the experimental values but the third is a close approximation. As the impregnant permittivity tends to ∞ the capacitor permittivity tends to a limit of about 11 for the second and 7 for the third equivalent circuit. Hence the bulk of a capacitor may be cut to about a third if mineral oil is replaced by a semi-conducting fluid [see Renne, V. T., *Elektrichesivo* (No. 10) (1947); also Abstr. 1392 (1947)].

B 67
sl

RENN, V. T.

"Wireless Carbon-Ceramic Surface-Type Resistors," Elektrichestvo, No.9, 1949

Cand. Tech. Sci.



RENNÉ, V. T.

RENNÉ, V. T.

Renne, V. T. defended his Doctor's dissertation in the Leningrad Polytechnic Institute im Kalinin, USSR, on 20 October 1950, for the academic degree of Doctor of Technical Sciences.

Dissertation: "The Problem of Reducing the Specific Volume of Paper Capacitors". Resume: Renne developed a new type of capacitor using a semiconducting impregnation. An innovation in the dissertation was the method Renne proposed for studying leakage and self-discharge of capacitors.

Official Opponents: Profs. P. P. Kobeko (Corrsp. Mbr. Academy of Sciences, USSR); A. M. Zalesskiy (Doctor of Technical Sciences); B. M. Tareyev (Doctor of Technical Sciences).

SO: Elektrichestvo, No. 7, Moscow, August 1953, pp 87-92 (W/29844, 16 Apr 54)

RENNE, V. T.

PA 167T5

USSR/Electricity - Condenser, Paper

Insulation

MAY 50

"Calculating Electric Strength of Unimpregnated Condenser Paper," V. T. Renne, Leningrad Poly-
tech Inst imeni Kalinin

"Elektrichestvo" No 5, pp 16-18

Proposes new theory of sequential breakdown,
based on physical representations of paper
structure. Use of proposed equivalent circuit
enables one to obtain simple expression for de-
pendence of electric strength of unimpregnated
condenser paper on its density and thickness,

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USSR/Electricity - Condenser, Paper

(Contd) MAY 50

which agrees with experimental data. (Abridged-
ment of report read at Leningrad Div, All-Union
Bu of Elec Insulation, Oct 49). Submitted
22 Oct 49.

167T5

3573, V. I., et al.

Technology

Bor'ba za snizhenie brača v proizvodstve
uchazhnykh kondensatorov (Efforts to diminish
waste in the production of paper condensers).
(Moskva), Gosenergoizdat, 1951. 46 p.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

RENNIE, V.T.

Udel'nye kharakteristiki sovremennoykh kondensatorov, (leksiia) [Specific characteristics of present-day condensors]. Vsesoiuznyi zaochnyi energeticheskii institut, 1952. 33 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1953

RENNI, V.T.; KAZARNOVSKIY, D.M.; ZABRODINA, A.A., tekhnicheskiy redaktor.

[Electric condensers] Elektricheskie kondensatory. Leningrad, Gos
energeticheskoe izd-vo, 1952. 512 p. (MLRA 8:10)
(Condensers(Electricity))

RENNE, V. T.

Condensers (Electricity)

Factors influencing the length of service of paper condensers., Elektrichestvo., No. 1, 1952

Doktor Tekhn. Nauk

SO: Monthly List of Russian Accessions, Library of Congress, April 1952 [redacted], Uncl.

RENN, V. T.

PA 228T59

USSR/Electricity - Capacitors, Dielectrics, Cable Insulation

Apr 52

"Aging of Impregnated Paper Insulation Under AC and DC Voltages," V. T. Renne, Dr Tech Sci, Lenigrad Polytech Inst imeni Kalinin

"Elektrichesvo" No 4, pp 71-76

Points out the analogy in the aging of impregnated paper insulation whether used in power cables or paper capacitors under an ac voltage. Refutes D. Robinson's assertion that there is no aging of impregnated paper under a dc voltage.

228T59

Gives empirical formulas relating the electrical strength of impregnated paper insulation to the time for which the voltage has been applied.

Submitted 21 Jul 51.

228T59

RENNÉ, V. T. DR., VAYNITSKIY, V. N. ENG.

Electric Lines

Longitudinal capacity compensation of a transmission line. Elektrichestvo no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.
2